

# Converting Colors

Hex(C51F49)

Have a look what the booklet for  
Hex(C51F49) contains.

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# Color

**Hex(C51F49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C51F49
RGB	197, 31, 73
RGB Percent	77%, 12%, 29%
CMY	0.2275, 0.8784, 0.7137
CMYK	0.00, 0.84, 0.63, 0.23
HSL	345°, 73%, 45%
HSV	345°, 84%, 77%
XYZ	24.7185, 13.3313, 7.5737
YIQ	85.4220, 85.4540, 48.2540

# Conversions

## Conversions Part 2

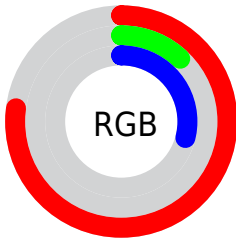
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 31, 73
Decimal	12918601
CIE Lab	43.26, 63.73, 19.92
CIE LCh	43, 66.769, 17.356
Yxy	13.3313, 0.5418, 0.2922
Android (android.graphics.Color)	4291108681 (0xFFC51F49)
YUV	85.4220, -6.1240, 97.8539
Hunter-Lab	36.5121, 56.9476, 13.2599

# Details

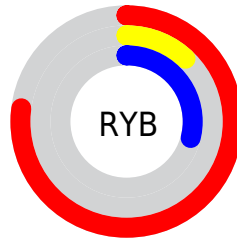
The Hex color **C51F49** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **1FC59B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF6079**, and **88001E** is the 20% darker color. If you saturate the color by 10%, you get **C50B3A**, and if you desaturate by 10%, it is **C53358**.

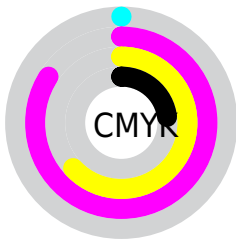
# Distribution



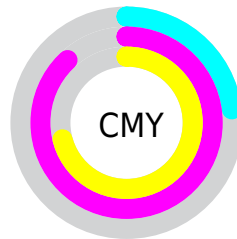
- Red (77%)
- Green (12%)
- Blue (29%)



- Red (77%)
- Yellow (12%)
- Blue (29%)



- Cyan (0%)
- Magenta (84%)
- Yellow (63%)
- Black (23%)



- Cyan (23%)
- Magenta (88%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C51F49 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C51F49 by changing the saturation by 10% instead.



 C51F49

 C51F49

FFFFFF

 A60033

 FF6079

 88001E

 FF7D93

 6A0006

 FF99AD

 4C0002

 FFB6C9

 2E0002

 FFD3E5

 000000

 FFF1FF

 C51F49

 C51F49

 C50B3A

 C53358

 C50032

 C54666

 C55A75

 C56E84

 C58293

 C595A1

 C5A9B0

 C5BDBF

 C5D0CD

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BB2280



C51F49



B44011

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C51F49



00780A



0074D3

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C51F49



1FC59B

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007CB7



C51F49



007C4C

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C51F49



5E6D00



007E86



0062D1

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C51F49



9D5300



007E86



0077CD



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C51F49



FFBFCF



991FC5



805963



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C51F49



FF0041



C5461F



635A5C



A30029



240009



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C51F49



FF0041



1F9EC5



635A5C



A30029



240009



# Previews

## White Background



This preview shows how the Hex color C51F49 looks on a white background.

## Color Contrast Check

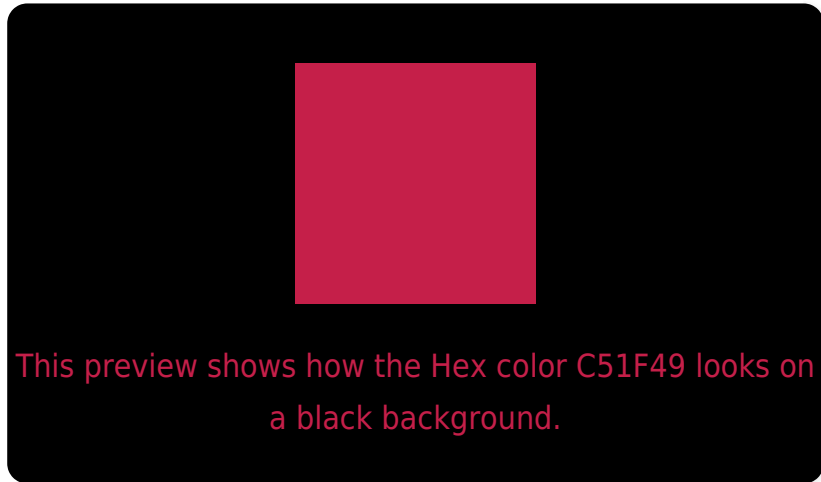
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C51F49 Background



This preview shows how black text looks on a background with the Hex color C51F49.



This preview shows how white text looks on a background with the Hex color C51F49.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

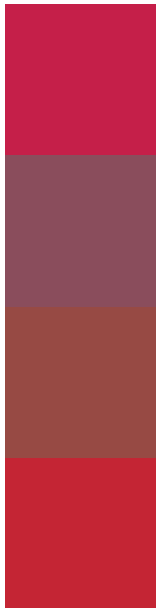
## Dichromacy





**Tritanopia**  
C42828

# Trichromacy



**Original Color**  
C51F49

**Protanomaly**  
8A4D5C

**Deuteranomaly**  
974A44

**Tritanomaly**  
C42534

# Monochromacy



**Original Color**  
C51F49

**Achromatopsia**  
555555

**Achromatomaly**  
7E4151

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C51F49 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C51F49 looks like.

```
.text, #text, p{  
    color:#C51F49  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C51F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C51F49
}
```

## Border

The CSS property to change the border of an element to Hex C51F49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

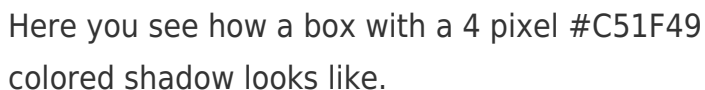
```
.border, #border, table{ border:4px solid
#C51F49 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C51F49 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C51F49 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C51F49; -webkit-box-shadow:4px 4px  
4px 4px #C51F49; box-shadow:4px 4px 4px  
4px #C51F49 }
```

# Background

The CSS property to change the background color of an element to Hex C51F49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C51F49 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C51F49 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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